

PATENT

Attorney Docket No.: 020093-003610US

TOWNSEND and TOWNSEND and CREW LLP

By: \_\_\_\_\_

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SHANKAR, Gopi et al.

Application No.: 10/544,117

Filed: August 1, 2005

For: CULTURED CD14+ ANTIGEN  
PRESENTING CELLS

Confirmation No.: 6410

Examiner: Unassigned

Art Unit: 1644

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references, in compliance with the requirements of 37 CFR §1.98(a)(2), are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the “references cited” on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Date: 18 June 2007

By: Brian W. Poor  
Brian W. Poor  
Reg. No. 32,928

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BWP:jms  
61075622 v1

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/544,117	
			Filing Date	August 1, 2005	
			First Named Inventor	Shankar, Gopi	
			Art Unit	1644	
			Examiner Name	Unassigned	
Sheet	1	of	3	Attorney Docket Number	020093-003610US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	US-5,994,126		11/30/1999	Steinman et al.	
	AB	US-6,274,378		08/14/2001	Steinman et al.	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>9</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
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				Filing Date	August 1, 2005
				First Named Inventor	Shankar, Gopi
				Art Unit	1644
				Examiner Name	Unassigned
Sheet	2	of	3	Attorney Docket Number	020093-003610US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	AC	Czerniecki <i>et al.</i> , "Calcium Ionophore-Treated Peripheral Blood Monocytes and Dendritic Cells Rapidly Display Characteristics of Activated Dendritic Cells," <i>J. Immunol.</i> 159:3823-3837 (1997).	<input type="checkbox"/>	
	AD	Dhopadkar <i>et al.</i> , "Antigen-specific Inhibition of Effector T Cell Function in Humans after Injection of Immature Dendritic Cells," <i>J. Exp. Med.</i> 193:233-238 (2001).	<input type="checkbox"/>	
	AE	Engering <i>et al.</i> , "Subset of DC-SIGN <sup>+</sup> Dendritic Cells in Human Blood Transmits HIV-1 to T Lymphocytes," <i>Blood</i> 100:1780-1786 (2002).	<input type="checkbox"/>	
	AF	Horiguchi <i>et al.</i> , "Screening of HLA-A24-Restricted Epitope Peptides from Prostate-Specific Membrane Antigen That Induce Specific Antitumor Cytotoxic T Lymphocytes," <i>Clin. Cancer Res.</i> 8:3885-3892 (2002).	<input type="checkbox"/>	
	AG	Ito <i>et al.</i> , "Differential Regulation of Human Blood Dendritic Cell Subsets by IFNs," <i>J. Immunol.</i> 166:2961-2969 (2001).	<input type="checkbox"/>	
	AH	Jonuleit <i>et al.</i> , "Induction of Interleukin 10-producing, Nonproliferating CD4 <sup>+</sup> T Cells with Regulatory Properties by Repetitive Stimulation with Allogeneic Immature Human Dendritic Cells," <i>J. Exp. Med.</i> 192:1213-1222 (2000).	<input type="checkbox"/>	
	AI	Lanzavecchia and Sallusto, "Regulation of T Cell Immunity by Dendritic Cells," <i>Cell</i> 106:263-266 (2001).	<input type="checkbox"/>	
	AJ	Liu, "Dendritic Cell Subsets and Lineages, and Their Functions in Innate and Adaptive Immunity," <i>Cell</i> 106:259-262 (2001).	<input type="checkbox"/>	
	AK	Mellman and Steinman, "Dendritic Cells: Specialized and Regulated Antigen Processing Machines," <i>Cell</i> 106:255-258 (2001).	<input type="checkbox"/>	
	AL	Sallusto and Lanzavecchia, "Efficient Presentation of Soluble Antigen By Cultured Human Dendritic Cells is Maintained by Granulocyte/macrophage Colony-stimulating Factor Plus Interleukin 4 and Downregulated by Tumor Necrosis Factor $\alpha$ ," <i>J. Exp. Med.</i> 179:1109-1118 (1994).	<input type="checkbox"/>	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet	3	of	3	Attorney Docket Number	020093-003610US

NON PATENT LITERATURE DOCUMENTS			
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	AM	Shortman and Liu, "Mouse and Human Dendritic Cell Subtypes," <i>Nat. Rev. Immunol.</i> 2:151-161 (2002).	<input type="checkbox"/>
	AN	Shurin, "Dendritic Cells Presenting Tumor Antigen," <i>Cancer Immunol. Immunother.</i> 43:158-164 (1996).	<input type="checkbox"/>
	AO	Steinman, "The Dendritic Cell System and its Role in Immunogenicity," <i>Ann. Rev. Immunol.</i> 9:271-296 (1991).	<input type="checkbox"/>
	AP	Steinman, "The Induction of Tolerance by Dendritic Cells That Have Captured Apoptotic Cells," <i>J. Exp. Med.</i> 191:411-416 (2000).	<input type="checkbox"/>
	AQ	Strunk <i>et al.</i> , "A Skin Homing Molecule Defines the Langerhans Cell Progenitor in Human Peripheral Blood," <i>J. Exp. Med.</i> 185:1131-1136 (1997).	<input type="checkbox"/>
	AR	Thomas <i>et al.</i> , "Isolation and Characterization of Human Peripheral Blood Dendritic Cells," <i>J. Immunol.</i> 150:821-834 (1993).	<input type="checkbox"/>
	AS	Thomas <i>et al.</i> , "Comparative Accessory Cell Function of Human Peripheral Blood Dendritic Cells and Monocytes," <i>J. Immunol.</i> 151:6840-6852 (1993).	<input type="checkbox"/>

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